EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	carrier adj interfewrometry	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 11:46
L2	29	carrier adj interferometry	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 11:50
L3	9	carrier adj interferometry and (PAPR or PAR or (peak adj to adj average))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 11:53
L4	5	carrier adj interferometry and pulse near generator and carrier near select$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 12:05
L5	5	(carrier adj interferometry and pulse near generator and carrier near select$4)".clm"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 11:51
L6	2	(carrier adj interferometry and pulse near generator and carrier near select$4).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 11:52
L7	0	(carrier adj interferometry same pulse near generator same carrier near select$4).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 11:52

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L8	0	((carrier adj interferometry or CI) same pulse near generator same carrier near select$4).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 11:53
L9	1	((carrier adj interferometry or CI) same pulse with generator same carrier near select$4).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 11:53
L10	0	(carrier adj interferometry and (PAPR or PAR or (peak adj to adj average))). clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 11:54
L11	13	((carrier adj interferometry or CI) and (PAPR or PAR or (peak adj to adj average))).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 11:54
L12	13	(((carrier adj interferometry) or CI) and (PAPR or PAR or (peak adj to adj average))).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 11:54
L13	1	"10/396118"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 11:55
L14	2	"5787113".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 11:55

EAST Search History

L15	2	"5623513".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 11:55
L16	1	"10/730452"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 11:55
L17	2	"5768318".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 11:55
L18	2	"5835536".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 11:55
L19	1	par and dmt and pollet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 11:55
L20	2	"6459726".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 11:55
L21	175	((par or papr or (peak adj to adj average)) with reduc$3) and (sub adj (channel or carrier))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 11:55
L22	607	455/59	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 11:55

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L23	142	carrier with interferometry	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 11:55
L24	7	((par or papr or (peak adj to adj average)) with reduc$3) and (sub adj (channel or carrier)) and (carrier adj interferometry)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 11:55
L25	7	L21 and L23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 11:55
L26	398507	(par or papr or (peak adj to adj average))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 11:55
L27	4216	375/260	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 11:55
L28	60	L21 and L27	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 11:55
L29	0	((par or papr or (peak adj to adj average)) with reduc$3) and (sub adj (channel or carrier)) and (carrier adj inteferometry)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 11:55
L30	9138	((par or papr or (peak adj to adj average)) with reduc$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 11:55

EAST Search History

L31	3	((par or papr or (peak adj to adj average)) with reduc$3) and (sub adj (channel or carrier)) and unload$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 11:55
L32	1	L21 and L22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 11:55
L33	2	"20040086027".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/27 12:05

Web Results **1 - 10** of about **665** for **"carrier interferometry" PAPR**. (**0.22** seconds)

Recent **Carrier Interferometry** Spreading Codes
K. Anwar, M. Saito, T. Hara, M. Okada and H. Yamamoto, "Impact of Using Partial Number of Subcarrier on the **PAPR Carrier Interferometry** OFDM", ...
shika.aist-nara.ac.jp/member/anwar-k/recentCI.html - 18k -
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Crest-factor analysis of **carrier interferometry** MC-CDMA and OFDM ...
[1] D.A. Wiegandt, C.R. Nassar, and Z. Wu, "Overcoming **PAPR**. issues in OFDM via **carrier-interferometry** codes," in IEEE. Vehicular Tech. Conf. ...
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Similar pages - Note this

> Overcoming peak-to-average power ratio issues in OFDM via **carrier** ...
> while reducing the **PAPR**, they typically increase the. complexity of the system. k'. bit. In this paper, we demonstrate that **Carrier-Interferometry** ...
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Large code set for **PAPR** reduction of OFDM signals and capacity ...
9 K. Anwar and H. Yamamoto: A new design of **carrier interferometry** OFDM with ... 10 K. Anwar, M. Saito, T. Hara and H. Yamamoto: On the **PAPR** reduction of ...
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> : IWCMC '06, Large code set for ...
> Large code set for **PAPR** reduction of OFDM signals and capacity increasing in ... Simplified realization of **carrier interferometry** OFDM by FFT algorithm. ...
> portal.acm.org/citation.cfm?id=1143549.1143727&coll=&dl=&type=series&idx=1143549&part... - Similar pages - Note this
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[PDF] Khoirul Anwar
File Format: PDF/Adobe Acrobat - View as HTML
Research on **PAPR** Reduction of OFDM Signals Using **Carrier Interferometry** Codes and Iterative. Processing: Low Complexity and Applicable Design ...
www.icf.or.jp/report/nopen/down16_student/Anwar.pdf - Similar pages - Note this

Crest-Factor Analysis of **Carrier Interferometry** (ResearchIndex)
1 Overcoming **PAPR** issues in OFDM via **carrier-interferometry** co.. (context) - Wiegandt, Nassar et al. - 2001 1 Vorlesungungen uber Approximationstheorie ...
citeseer.ist.psu.edu/672398.html - 19k - Cached - Similar pages - Note this

[PDF] Crest Factor Reduction in MC-CDMA Employing **Carrier Interferometry** ...
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Carrier interferometry codes, applied to N-carrier MC-CDMA systems, enable 2N users to ... **PAPR** leads to a reduced efficiency of the power amplifier ...
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[PDF] A Fast Computation without Divisions for Combiners in **Carrier** ...
File Format: PDF/Adobe Acrobat - View as HTML
Peak-to-Average Power Ratio (**PAPR**) Problem. **Carrier Interferometry** OFDM (CI/OFDM). Multipath Fading Effects. Frequency Domain Equalization ...

isw3.naist.jp/IS/21COE/pd-sk-seminar/2005/200602/0602anwar-k.pdf -
Similar pages - Note this

Carrier interferometry - Wikipedia, the free encyclopedia
Carrier Interferometry (CI) is a type of spread spectrum multiple access ... for reducing the Peak-to-Average Power (**PAPR**) of the transmitted signal. ...
en.wikipedia.org/wiki/Carrier_interferometry - 19k - Cached - Similar pages - Note this

1 2 3 4 5 6 7 8 9 10 **Next**

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"carrier interferometry" AND PAPR Search

☑ Journal sources ☑ Preferred Web sources ☑ Other Web sources ☐ Exact phrase

Searched for:: :All of the words:**"carrier interferometry"** AND **PAPR**

Found:: :**4 total | 0 journal results | 1 preferred web results | 3 other web results**

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Or Al

☐ **1.** CARRIER INTERFEROMETRY CODING AND MULTICARRIER PROCESSING
SHATTIL, Steve (GENGHISCOMM, LLC), *PATENT COOPERATION TREATY APPLICATION*, Jul 2002
patno:WO02054537
CARRIER INTERFEROMETRY CODING AND MULTICARRIER PROCESSING...present invention relates to **Carrier Interferometry** (CI). More specifically...performance broadband DS-CDMA via **carrier interferometry** chip shaping" (C.R. Nassar...
Full text available at patent office. For more in-depth searching go to LexisNexis
similar results

☐ **2.** FINALREPORT_2.PDF [PDF-437K]
Mar 2001
...Institute Software Based Simulator for **Carrier Interferometry** Multiple Access (CIMA) Dr. Carl...Title: Software-Based Simulator for **Carrier Interferometry** Multiple Access (CIMA) Principle...promising young technologies, CIMA (**Carrier Interferometry** Multiple Access). As a direct result...
[http://www.cs.colostate.edu/casi/REPORTS/2000/Nassar00...]
similar results

☐ **3.** Book Reviews [12K]
Sep 2002
...possible through exploitation of **carrier interferometry** (CI), whose successful development...peak-to-average power ratio (**PAPR**) for CI-based MC-CDMA. In...doubling of their throughput. The **PAPR** problem is also addressed...and receiver complexity, the **PAPR** value can be kept at a reasonable...
[http://www.comsoc.org/ci1/Public/2002/Oct/cibrev.html]
similar results

☐ **4.** Peak-to-average power ratio of orthogonal frequency division... [PS-5MB]
Jun 2002
Peak-to-average power ratio of orthogonal frequency division multiplexing A. D. S. Jayalath and C. Tellambura May 14, 2002 Abstract Orthogonal frequency division multiplexing (OFDM) is successfully used in many wireless digital com- munication systems over multipath channels.
[http://www.csse.monash.edu.au/publications/2002/tr-200...]
similar results

Results for **"((carrier interferometry and papr)<in>metadata)"** e-mail
Your search matched **15** of **1676180** documents.
A maximum of **100** results are displayed, **25** to a page, sorted by **Relevance** in **Descending** order.

1. **On the PAPR reduction for wavelet based transmultiplexer**
Anwar, K.; Priantoro, A.U.; Saito, M.; Hara, T.; Okada, M.; Yamamoto, H.;
Communications and Information Technology, 2004. ISCIT 2004. IEEE Interna on
Volume 2, 26-29 Oct. 2004 Page(s):812 - 815 vol.2
Digital Object Identifier 10.1109/ISCIT.2004.1413829
AbstractPlus | Full Text: PDF(608 KB) IEEE CNF
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2. **The elimination of peak-to-average power ratio concerns in OFDM via car interferometry spreading codes: a multiple constellation analysis**
Wiegandt, D.A.; Nassar, C.R.; Wu, Z.;
System Theory, 2004. Proceedings of the Thirty-Sixth Southeastern Symposiu
2004 Page(s):323 - 327
Digital Object Identifier 10.1109/SSST.2004.1295673
AbstractPlus | Full Text: PDF(1645 KB) IEEE CNF
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3. **PAPR reduction of OFDM signals using iterative processing and carrier i codes**
Anwar, K.; Priantoro, A.U.; Ando, K.; Saito, M.; Hara, T.; Okada, M.; Yamamot
Intelligent Signal Processing and Communication Systems, 2004. ISPACS 20C 2004 International Symposium on
18-19 Nov. 2004 Page(s):48 - 51
Digital Object Identifier 10.1109/ISPACS.2004.1439013
AbstractPlus | Full Text: PDF(329 KB) IEEE CNF
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4. **IMD Anaysis-Based TC-CI/OFDM System for PAPR Reduction and BER In**
Seon-ae Kim; Heui Seop Byeon; Joo-Hyun Kyung; Heung-Gyoon Ryu;
Communications, Circuits and Systems Proceedings, 2006 International Confe
Volume 2, 25-28 June 2006 Page(s):1240 - 1244
Digital Object Identifier 10.1109/ICCCAS.2006.284870
AbstractPlus | Full Text: PDF(4988 KB) IEEE CNF
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5. **A Novel Implementation of Carrier Interferometry OFDM in an Underwate Channel**
Xu, Fang; Hu, Xiaoyi; Xu, Ru;
OCEANS 2007 - Europe
18-21 June 2007 Page(s):1 - 5
Digital Object Identifier 10.1109/OCEANSE.2007.4302439

AbstractPlus | Full Text: PDF(2541 KB) IEEE CNF
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6. **Implementation of Carrier Interferometry OFDM by Using Pulse Shaping i Frequency Domain**
Xu, Fang; Xu, Ru; Sun, Haixin;
Anti-counterfeiting, Security, Identification, 2007 IEEE International Workshop
16-18 April 2007 Page(s):319 - 323
Digital Object Identifier 10.1109/IWASID.2007.373647
AbstractPlus | Full Text: PDF(231 KB) IEEE CNF
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7. **High-performance carrier interferometry OFDM WLANs: RF testing**
Wiegandt, D.A.; Wu, Z.; Nassar, C.R.;
Communications, 2003. ICC '03. IEEE International Conference on
Volume 1, 11-15 May 2003 Page(s):203 - 207 vol.1
Digital Object Identifier 10.1109/ICC.2003.1204170
AbstractPlus | Full Text: PDF(318 KB) IEEE CNF
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8. **Overcoming peak-to-average power ratio issues in OFDM via carrier-inter**
Wiegandt, D.A.; Nassar, C.R.; Zhiqiang Wu;
Vehicular Technology Conference, 2001. VTC 2001 Fall. IEEE VTS 54th
Volume 2, 7-11 Oct. 2001 Page(s):660 - 663 vol.2
Digital Object Identifier 10.1109/VTC.2001.956852
AbstractPlus | Full Text: PDF(256 KB) IEEE CNF
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9. **Comments on "High-Throughput, High-Performance OFDM via Pseudo-O Carrier Interferometry Spreading Codes"**
Kuang, Y.; Long, K.; Wu, C.; Chen, Q.;
Communications, IEEE Transactions on
Volume 55, Issue 1, Jan. 2007 Page(s):232 - 234
Digital Object Identifier 10.1109/TCOMM.2006.887481
AbstractPlus | Full Text: PDF(276 KB) IEEE JNL
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10. **High-Throughput High-Performance VLST-CI/OFDM with Low PAPR**
Shaopeng Feng; Peng Hang; Weiling Wu;
Wireless Communications, Networking and Mobile Computing, 2006. WiCOM Conference on
22-24 Sept. 2006 Page(s):1 - 4
Digital Object Identifier 10.1109/WiCOM.2006.50
AbstractPlus | Full Text: PDF(293 KB) IEEE CNF
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11. **Peak-to-average power reduction in high-performance, high-throughput pseudo-orthogonal carrier-interferometry coding**
Wiegandt, D.A.; Nassar, C.R.;
Communications, Computers and signal Processing, 2001. PACRIM. 2001 IEE Conference on
Volume 2, 26-28 Aug. 2001 Page(s):453 - 456 vol.2
Digital Object Identifier 10.1109/PACRIM.2001.953667
AbstractPlus | Full Text: PDF(272 KB) IEEE CNF
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12. **Microscopic Spectrum Control Technique Using Carrier Interferometry fc Reuse Single Carrier TDMA Systems**
Mashima, K.; Sampei, S.;
Personal, Indoor and Mobile Radio Communications, 2006 IEEE 17th Internati on
Sept. 2006 Page(s):1 - 5
Digital Object Identifier 10.1109/PIMRC.2006.254257

AbstractPlus | Full Text: PDF(581 KB) IEEE CNF
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13. **Adaptive carrier interferometry MC-CDMA**
Sureshkumar, S.; Nguyen, H.H.; Shwedyk, E.;
Vehicular Technology, IEEE Transactions on
Volume 55, Issue 3, May 2006 Page(s):968 - 979
Digital Object Identifier 10.1109/TVT.2006.874583
AbstractPlus | Full Text: PDF(328 KB) IEEE JNL
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14. **New Spreading Codes for MC-CDMA and OFDM Systems**
Anwar, K.; Saito, M.; Hara, T.; Okada, M.; Yamamoto, H.;
Computers and Communications, 2006. ISCC '06. Proceedings. 11th IEEE Sy
26-29 June 2006 Page(s):283 - 288
Digital Object Identifier 10.1109/ISCC.2006.107
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15. **SFBC-based MIMO OFDM and MIMO CI-OFDM Systems in the Nonlinear a**
Yingshan Li; Sang-Woo Kim; Jin-Kook Chung; Heung-Gyoon Ryu;
Communications, Circuits and Systems Proceedings, 2006 International Confe
Volume 2, 25-28 June 2006 Page(s):898 - 901
Digital Object Identifier 10.1109/ICCCAS.2006.284796
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Software adaptable high performance multicarrier transmission ...
A multicarrier signal generator including: a **pulse-train generator** adapted ... coder and the **pulse-train generator**, the **carrier selector** adapted to impress ...
www.freepatentsonline.com/20040141548.html - 127k - Cached - Similar pages - Note this

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Did you mean: "carrier interferometry" "pulse generator" "carrier ***selection***"

Orthogonal superposition coding for direct-sequence communications ...
An adaptation to **Carrier Interferometry** synthesis and analysis provides for ... a sliding window transform 415 with an associated sub-**carrier selector** 413, ...
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The use of **Carrier Interferometry** (CI) coding further improves the effectiveness of ... and a **carrier selector** coupled to the CI coder and the pulse-train ...
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☐ **1.** Software adaptable high performance multicarrier transmission protocol Al
Shattil, Steve J., *UNITED STATES PATENT AND TRADEMARK OFFICE PRE-GRANT PUBLICATION*, Jul 2004
patno:US20040141548
Techniques for reducing peak-to-average power in multicarrier transmitters employ peak cancellation with subcarriers that are impaired by existing channel conditions. The use of Carrier Interferometry (CI) coding further improves the effectiveness of peak ...
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Sort by:: :**relevance** | **date**

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☐ **1.** Orthogonal superposition coding for direct-sequence communications
Shattil, Steve J., *UNITED STATES PATENT AND TRADEMARK OFFICE PRE-GRANT PUBLICATION*, May 2004
patno:US20040086027
...Pub. App. No. WO 99/41871, B. Natarajan, C. R. Nassar, and S. Shattil, "Exploiting frequency diversity in TDMA through **carrier interferometry**," The 12th Annual International Conference on Wireless Communications WIRELESS2000, Calgary, Alberta, Canada, Jul. 10-12...
Full text available at patent office. For more in-depth searching go to LexisNexis
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☐ **2.** Software adaptable high performance multicarrier transmission protocol
Shattil, Steve J., *UNITED STATES PATENT AND TRADEMARK OFFICE PRE-GRANT PUBLICATION*, Jul 2004
patno:US20040141548
Techniques for reducing peak-to-average power in multicarrier transmitters employ peak cancellation with subcarriers that are impaired by existing channel conditions. The use of Carrier Interferometry (CI) coding further improves the effectiveness of peak ...
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IET JNL	IET Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IET CNF	IET Conference Proceeding
IEEE STD	IEEE Standard

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IEEE JNL	IEEE Journal or Magazine
IET JNL	IET Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IET CNF	IET Conference Proceeding
IEEE STD	IEEE Standard

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Your search matched **11** of **1676180** documents.
A maximum of **100** results are displayed, **25** to a page, sorted by **Relevance** in **Descending** order.

1. **High-performance wideband wireless TDMA via carrier interferometry pul**
Zhiqiang Wu; Wiegandt, D.; Nassar, C.R.;
Vehicular Technology Conference, 2003. VTC 2003-Fall. 2003 IEEE 58th
Volume 1, 6-9 Oct. 2003 Page(s):711 - 715 Vol.1
AbstractPlus | Full Text: PDF(299 KB) IEEE CNF
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2. **Throughput enhancement in TDMA through carrier interferometry pulse s**
Natarajan, B.; Nassar, C.R.; Shattil, S.;
Vehicular Technology Conference, 2000. IEEE VTS-Fall VTC 2000. 52nd
Volume 4, 24-28 Sept. 2000 Page(s):1799 - 1803 vol.4
Digital Object Identifier 10.1109/VETECF.2000.886131
AbstractPlus | Full Text: PDF(360 KB) IEEE CNF
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3. **High performance ultra-wide bandwidth systems via novel pulse shaping domain processing**
Zhiqiang Wu; Fang Zhu; Nassar, C.R.;
Ultra Wideband Systems and Technologies, 2002. Digest of Papers. 2002 IEE
21-23 May 2002 Page(s):53 - 58
Digital Object Identifier 10.1109/UWBST.2002.1006318
AbstractPlus | Full Text: PDF(681 KB) IEEE CNF
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4. **Innovative pulse shaping for high-performance wireless TDMA**
Natarajan, B.; Nassar, C.R.; Shattil, S.;
Communications Letters, IEEE
Volume 5, Issue 9, Sept. 2001 Page(s):372 - 374
Digital Object Identifier 10.1109/4234.951381
AbstractPlus | References | Full Text: PDF(63 KB) IEEE JNL
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5. **Implementation of Carrier Interferometry OFDM by Using Pulse Shaping 1 Frequency Domain**
Xu, Fang; Xu, Ru; Sun, Haixin;
Anti-counterfeiting, Security, Identification, 2007 IEEE International Workshop
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